

## SEQUENCE LISTING

&lt;110&gt; BIOMUNE COMPANY

<120> CHICKEN ANEMIA VIRUS VACCINE FROM CELL  
LINE

&lt;130&gt; 02108.0002P2

&lt;150&gt; 60/550,573

&lt;151&gt; 2004-03-05

&lt;160&gt; 2

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 2294

&lt;212&gt; DNA

&lt;213&gt; Chicken anemia virus

&lt;400&gt; 1

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2294

<210> 2  
<211> 786  
<212> PRT  
<213> Chicken anemia virus

<400> 2  
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Arg Gly Arg Trp His His Leu Lys Arg Leu Arg Arg Arg Tyr Lys Phe  
20              25              30  
Arg His Arg Arg Arg Gln Arg Tyr Arg Arg Arg Ala Phe Arg Lys Ala  
35              40              45  
Phe His Asn Pro Arg Pro Gly Thr Tyr Ser Val Arg Leu Pro Asn Pro  
50              55              60  
Gln Ser Thr Met Thr Ile Arg Phe Gln Gly Val Ile Phe Leu Thr Glu  
65              70              75              80  
Gly Leu Ile Leu Pro Lys Asn Ser Thr Ala Gly Gly Tyr Ala Asp His  
85              90              95  
Met Tyr Gly Ala Arg Val Ala Lys Ile Ser Val Asn Leu Lys Glu Phe  
100             105             110  
Leu Leu Ala Ser Met Asn Leu Thr Tyr Val Ser Lys Ile Gly Gly Pro  
115             120             125  
Ile Ala Gly Glu Leu Ile Ala Asp Gly Ser Lys Ser Gln Ala Ala Glu  
130             135             140  
Asn Trp Pro Asn Cys Trp Leu Pro Leu Asp Asn Asn Val Pro Ser Ala  
145             150             155             160  
Thr Pro Ser Ala Trp Trp Arg Trp Ala Leu Met Met Met Gln Pro Thr  
165             170             175  
Asp Ser Cys Arg Phe Phe Asn His Pro Lys Gln Met Thr Leu Gln Asp  
180             185             190  
Met Gly Arg Met Phe Gly Gly Trp His Leu Phe Arg His Ile Glu Thr  
195             200             205  
Arg Phe Gln Leu Leu Ala Thr Lys Asn Glu Gly Ser Phe Ser Pro Val  
210             215             220  
Ala Ser Leu Leu Ser Gln Gly Glu Tyr Leu Thr Arg Arg Asp Asp Val  
225             230             235             240  
Lys Tyr Ser Ser Asp His Gln Asn Arg Trp Arg Lys Gly Glu Gln Pro  
245             250             255  
Met Thr Gly Gly Ile Ala Tyr Ala Thr Gly Lys Met Arg Pro Asp Glu  
260             265             270  
Gln Gln Tyr Pro Ala Met Pro Pro Asp Pro Pro Ile Ile Thr Ser Thr  
275             280             285  
Thr Ala Gln Gly Thr Gln Val Arg Cys Met Asn Ser Thr Gln Ala Trp  
290             295             300  
Trp Ser Trp Asp Thr Tyr Met Ser Phe Ala Thr Leu Thr Ala Leu Gly  
305             310             315             320  
Ala Gln Trp Ser Phe Pro Pro Gly Gln Arg Ser Val Ser Arg Arg Ser  
325             330             335  
Phe Asn His His Lys Ala Arg Gly Ala Gly Asp Pro Lys Gly Gln Arg  
340             345             350  
Trp His Thr Leu Val Pro Leu Gly Thr Glu Thr Ile Thr Asp Ser Tyr  
355             360             365

Met Gly Ala Pro Ala Ser Glu Leu Asp Thr Asn Phe Phe Thr Leu Tyr  
 370                   375                   380

Val Ala Gln Gly Thr Asn Lys Ser Gln Gln Tyr Lys Phe Gly Thr Ala  
 385                   390                   395                   400

Thr Tyr Ala Leu Lys Glu Pro Val Met Lys Ser Asp Ser Trp Ala Val  
 405                   410                   415

Val Arg Val Gln Ser Val Trp Gln Leu Gly Asn Arg Gln Arg Pro Tyr  
 420                   425                   430

Pro Trp Asp Val Asn Trp Ala Asn Ser Thr Met Tyr Trp Gly Gly Gln  
 435                   440                   445

Pro Met His Gly Asn Asp Gly Gln Pro Ala Ala Gly Gly Ser Glu Ser  
 450                   455                   460

Ala Leu Ser Arg Glu Gly Gln Pro Gly Pro Ser Gly Ala Ala Gln Gly  
 465                   470                   475                   480

Gln Val Ile Ser Asn Glu Arg Ser Pro Arg Arg Tyr Ser Thr Arg Thr  
 485                   490                   495

Ile Asn Gly Val Gln Ala Thr Asn Lys Phe Thr Ala Val Gly Asn Pro  
 500                   505                   510

Ser Leu Gln Arg Asp Pro Asp Trp Tyr Arg Trp Asn Tyr Asn His Ser  
 515                   520                   525

Ile Ala Val Trp Leu Arg Glu Cys Ser Arg Ser His Ala Lys Ile Cys  
 530                   535                   540

Asn Cys Gly Gln Phe Arg Lys His Trp Phe Gln Glu Cys Ala Gly Leu  
 545                   550                   555                   560

Glu Asp Arg Ser Thr Gln Ala Ser Leu Glu Glu Ala Ile Leu Arg Pro  
 565                   570                   575

Leu Arg Val Gln Gly Lys Arg Ala Lys Arg Lys Leu Asp Tyr His Tyr  
 580                   585                   590

Ser Gln Pro Thr Pro Asn Arg Lys Lys Val Tyr Lys Thr Val Arg Trp  
 595                   600                   605

Gln Asp Glu Leu Ala Asp Arg Glu Ala Asp Phe Thr Pro Ser Glu Glu  
 610                   615                   620

Asp Gly Gly Thr Thr Ser Asp Phe Asp Glu Asp Ile Asn Phe Asp  
 625                   630                   635                   640

Ile Gly Gly Asp Ser Gly Ile Val Asp Glu Leu Leu Gly Arg Pro Phe  
 645                   650                   655

Thr Thr Pro Ala Pro Val Arg Ile Val Met Asn Ala Leu Gln Glu Asp  
 660                   665                   670

Thr Pro Pro Gly Pro Ser Thr Val Phe Arg Pro Pro Thr Ser Ser Arg  
 675                   680                   685

Pro Leu Glu Thr Pro His Cys Arg Glu Ile Arg Ile Gly Ile Ala Gly  
 690                   695                   700

Ile Thr Ile Thr Leu Ser Leu Cys Gly Cys Ala Asn Ala Arg Ala Pro  
 705                   710                   715                   720

Thr Leu Arg Ser Ala Thr Ala Asp Asn Ser Glu Ser Thr Gly Phe Lys  
 725                   730                   735

Asn Val Pro Asp Leu Arg Thr Asp Gln Pro Lys Pro Pro Ser Lys Lys  
 740                   745                   750

Arg Ser Cys Asp Pro Ser Glu Tyr Arg Val Ser Glu Leu Lys Glu Ser  
 755                   760                   765

Leu Ile Thr Thr Pro Ser Arg Pro Arg Thr Ala Arg Arg Cys Ile  
 770                   775                   780

Arg Leu  
 785